



A=OUTSIDE PIPE DIA.
 B=OUTSIDE INSUL.&JACKET DIA.*
 C=MIN. SLEEVE INSIDE DIA.=B+4
 * SEE SPEC. FOR INSULATION THICKNESS

NOTES:

1. TRANSITION BOOT (LINER) SHALL BE:
 - 25 MIL THICKNESS (MIN)
 - E.P.D.M. TYPE MEMBRANE
 - COMPATIBLE AT HIGH (220° F) AND LOW (-40° F) TEMPERATURES
 - RESISTANT TO ULTRAVIOLET LIGHT DEGRADATION
2. LINER SEAM SHALL PROVIDE 2" MINIMUM OF OVERLAP. USE SOLVENT CEMENT AS APPROVED BY LINER MANUFACTURER.

VALVE MANHOLE TOP PENETRATION

NO SCALE

Figure 7-8. Valve Manhole Top Penetration Detail.